

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032760.D
 Acq On : 17 Jul 2024 03:20
 Operator : MA/JU
 Sample : P3100-18
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D13

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 17 04:09:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 17 02:35:25 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.540	152	6158	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.310	136	14954	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.188	164	10284	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.948	188	21629m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.162	240	15887m	0.400	ng/ul	-0.01
23) Perylene-d12	23.360	264	22463m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	25911	3.504	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.911	152	6013	0.266	ng/ul	-0.02
18) Fluoranthene-d10	18.990	212	12474m	0.241	ng/ul	-0.01
Target Compounds						
						Qvalue
5) Naphthalene	10.360	128	33907	0.844	ng/ul	97
7) 2-Methylnaphthalene	11.982	142	23090	0.921	ng/ul	97
8) 1-Methylnaphthalene	12.208	142	19237	0.742	ng/ul	99
10) Acenaphthylene	13.911	152	132010	3.177	ng/ul	99
11) Acenaphthene	14.253	153	23953	0.697	ng/ul	100
12) Fluorene	15.248	166	30971	0.789	ng/ul	98
14) Pentachlorophenol	16.619	266	524m	0.138	ng/ul	
15) Phenanthrene	16.991	178	735998m	12.495	ng/ul	
16) Anthracene	17.079	178	194559m	4.043	ng/ul	
19) Fluoranthene	19.022	202	1746312m	27.036	ng/ul	
20) Pyrene	19.389	202	1249457m	18.688	ng/ul	
21) Benzo(a)anthracene	21.144	228	818740m	16.190	ng/ul	
22) Chrysene	21.197	228	952718m	13.023	ng/ul	
24) Benzo(b)fluoranthene	22.705	252	1264852m	15.959	ng/ul	
25) Benzo(k)fluoranthene	22.740	252	441819m	4.574	ng/ul	
26) Benzo(a)pyrene	23.263	252	447960m	6.531	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.576	276	483895m	5.210	ng/ul	
28) Dibenzo(a,h)anthracene	25.572	278	202760m	2.817	ng/ul	
29) Benzo(g,h,i)perylene	26.257	276	75210m	0.969	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

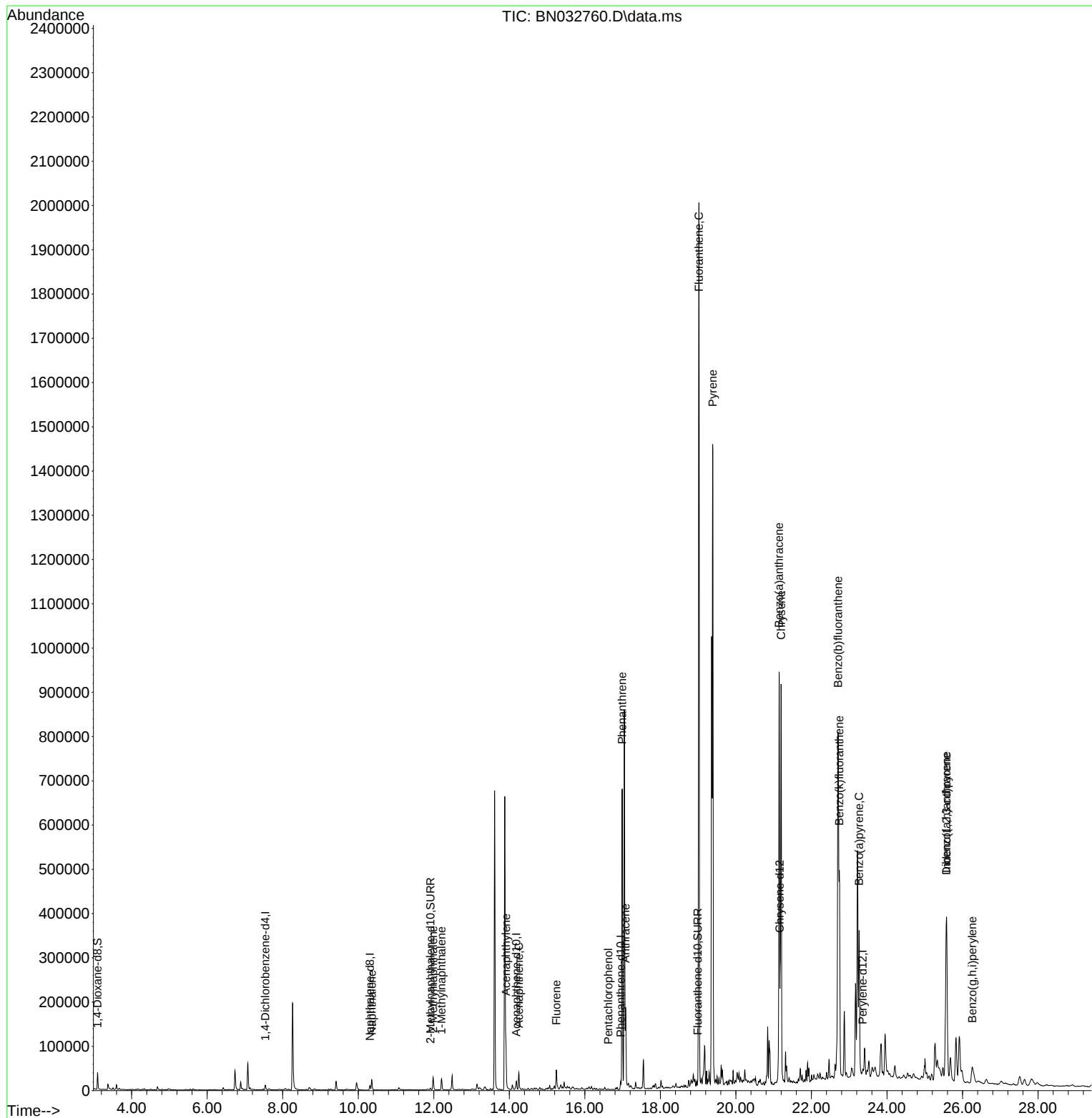
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032760.D
Acq On : 17 Jul 2024 03:20
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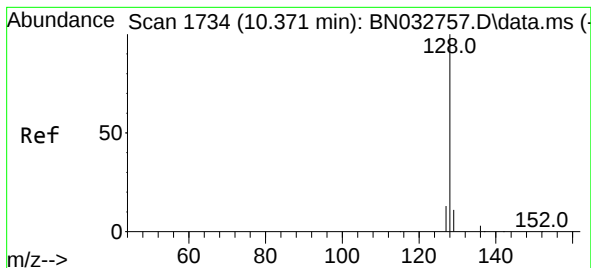
Instrument :
BNA_N
ClientSampleId :
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Quant Time: Jul 17 04:09:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
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#5

Naphthalene

Concen: 0.844 ng/ul

RT: 10.360 min Scan# 11

Delta R.T. -0.011 min

Lab File: BN032760.D

Acq: 17 Jul 2024 03:20

Instrument :

BNA_N

ClientSampleId :

A4D13

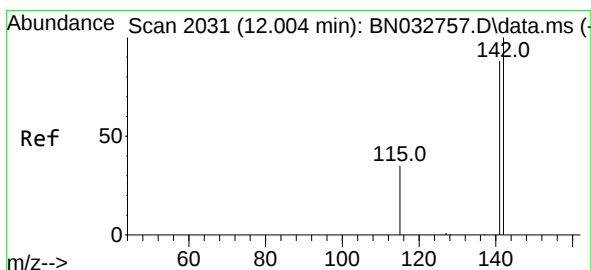
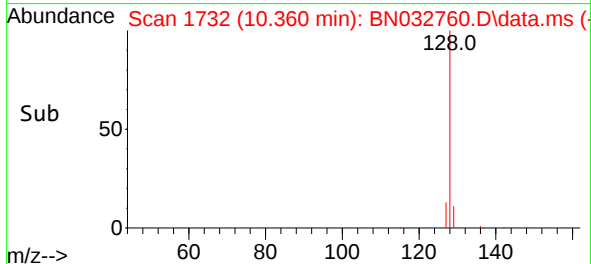
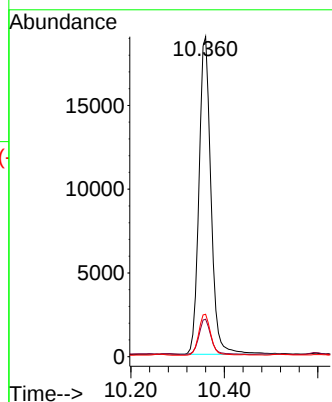
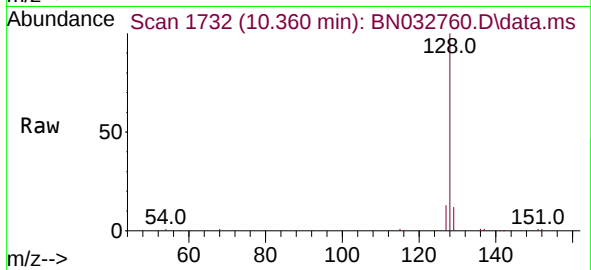
Tgt Ion:128 Resp: 3390
 Ion Ratio Lower Upper
 128 100
 129 11.7 10.0 15.0
 127 13.2 11.6 17.4

Manual Integrations

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Supervised By :mohammad ahmed 07/19/2024



#7

2-Methylnaphthalene

Concen: 0.921 ng/ul

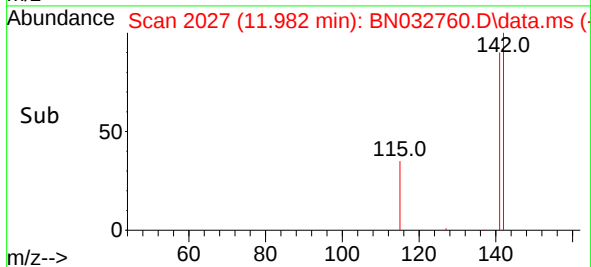
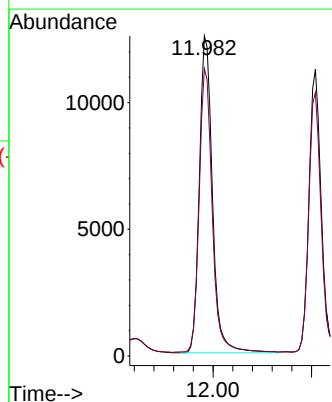
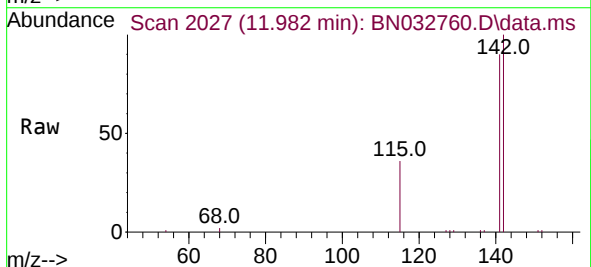
RT: 11.982 min Scan# 2027

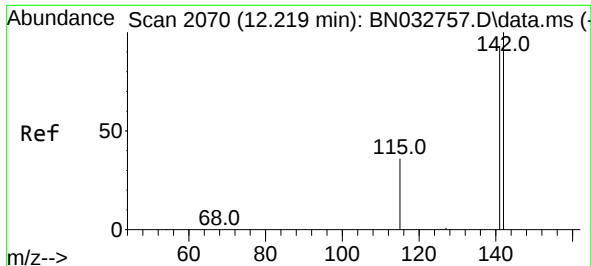
Delta R.T. -0.022 min

Lab File: BN032760.D

Acq: 17 Jul 2024 03:20

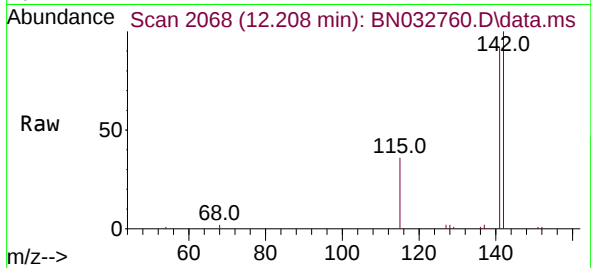
Tgt Ion:142 Resp: 23090
 Ion Ratio Lower Upper
 142 100
 141 89.7 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.742 ng/ul
RT: 12.208 min Scan# 2070
Delta R.T. -0.011 min
Lab File: BN032760.D
Acq: 17 Jul 2024 03:20

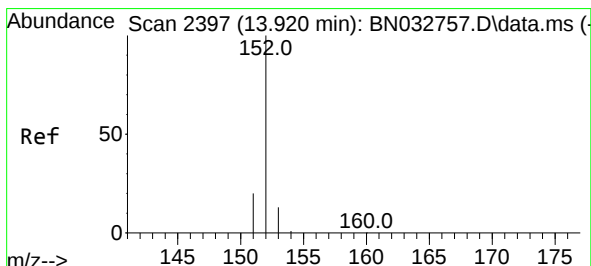
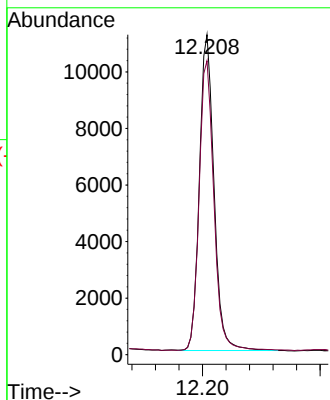
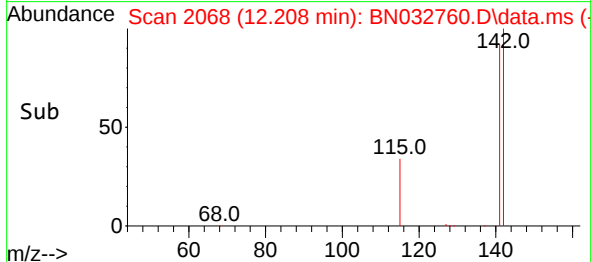
Instrument :
BNA_N
ClientSampleId :
A4D13



Tgt Ion:142 Resp: 1923
Ion Ratio Lower Upper
142 100
141 92.7 75.0 112.4

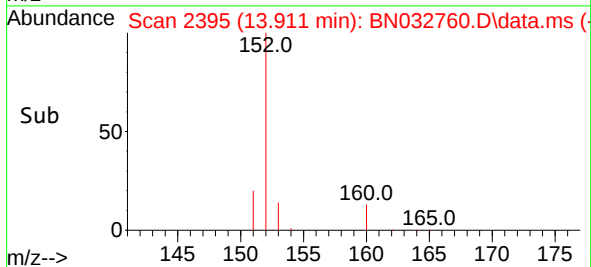
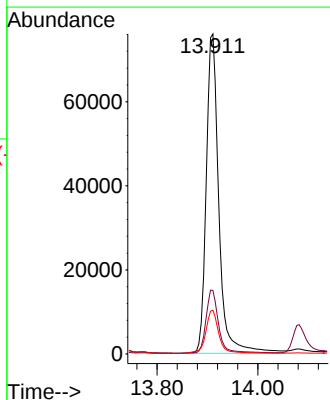
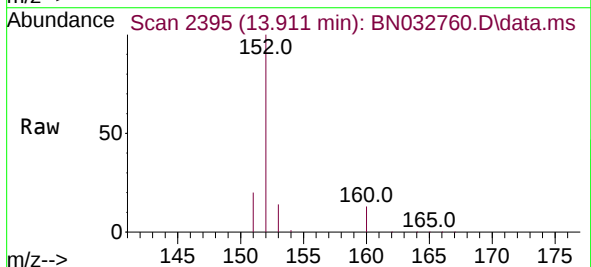
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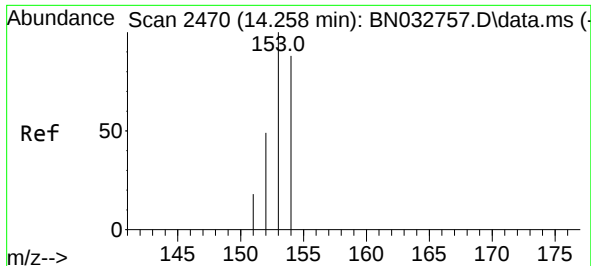
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#10
Acenaphthylene
Concen: 3.177 ng/ul
RT: 13.911 min Scan# 2395
Delta R.T. -0.009 min
Lab File: BN032760.D
Acq: 17 Jul 2024 03:20

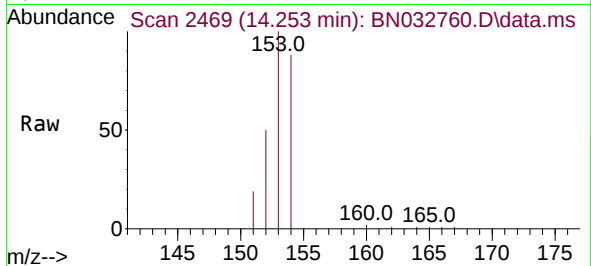
Tgt Ion:152 Resp: 132010
Ion Ratio Lower Upper
152 100
151 19.8 16.3 24.5
153 13.7 11.3 16.9





#11
Acenaphthene
Concen: 0.697 ng/ul
RT: 14.253 min Scan# 2469
Delta R.T. -0.005 min
Lab File: BN032760.D
Acq: 17 Jul 2024 03:20

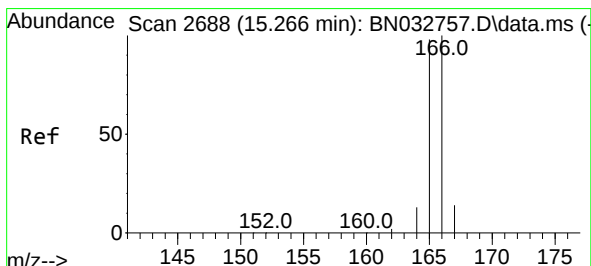
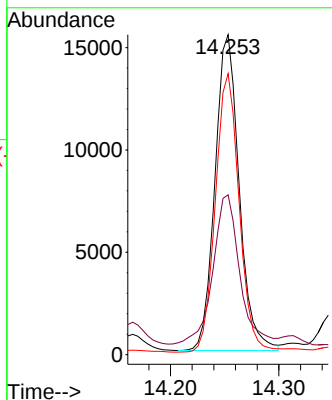
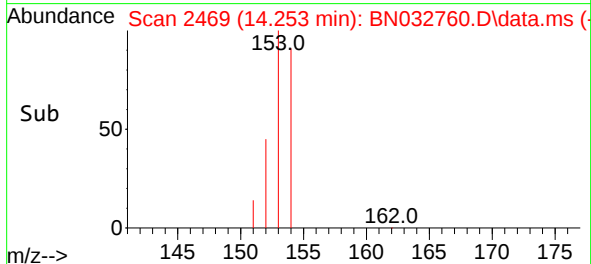
Instrument :
BNA_N
ClientSampleId :
A4D13



Tgt Ion:153 Resp: 2395
Ion Ratio Lower Upper
153 100
152 50.0 40.0 60.0
154 87.8 70.2 105.4

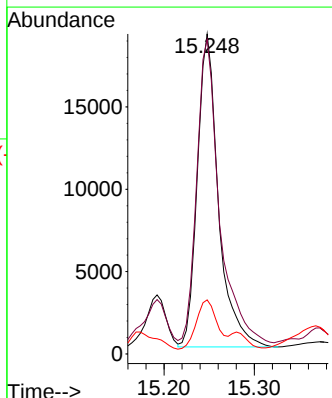
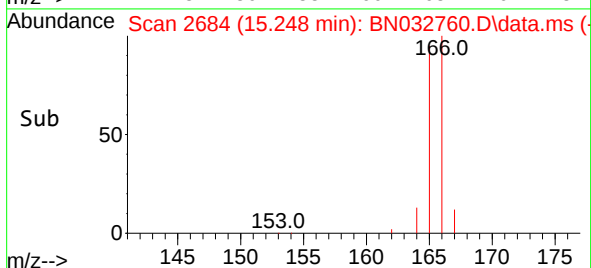
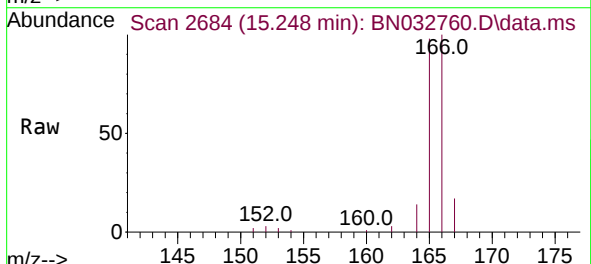
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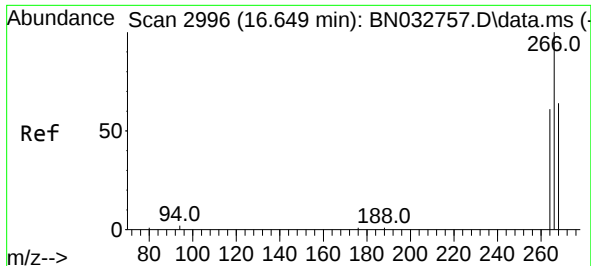
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#12
Fluorene
Concen: 0.789 ng/ul
RT: 15.248 min Scan# 2684
Delta R.T. -0.019 min
Lab File: BN032760.D
Acq: 17 Jul 2024 03:20

Tgt Ion:166 Resp: 30971
Ion Ratio Lower Upper
166 100
165 98.3 79.7 119.5
167 16.9 11.4 17.2





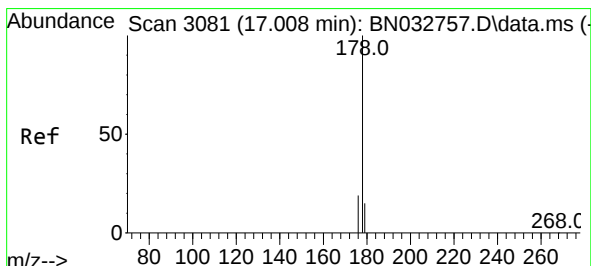
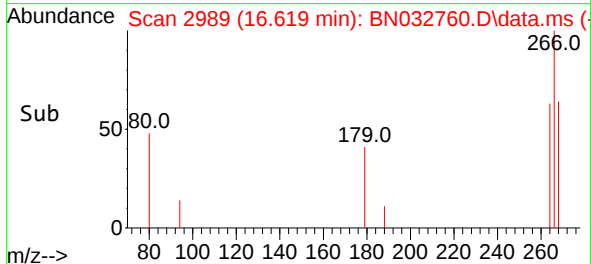
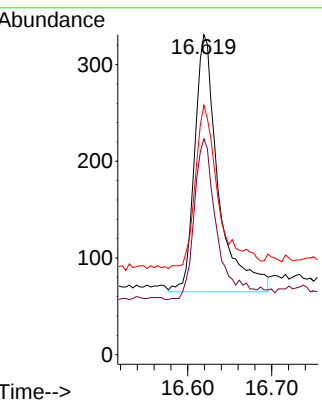
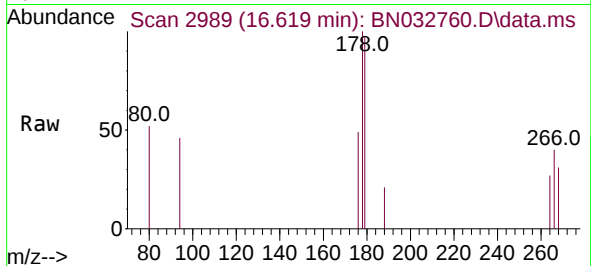
#14
Pentachlorophenol
Concen: 0.138 ng/ul m
RT: 16.619 min Scan# 2996
Delta R.T. -0.030 min
Lab File: BN032760.D
Acq: 17 Jul 2024 03:20

Instrument :
BNA_N
ClientSampleId :
A4D13

Tgt Ion:266 Resp: 524
Ion Ratio Lower Upper
266 100
264 1.9 49.4 74.2
268 0.0 51.6 77.4

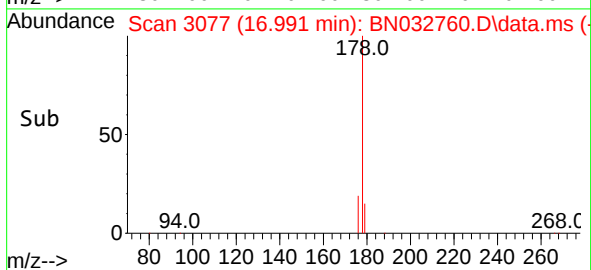
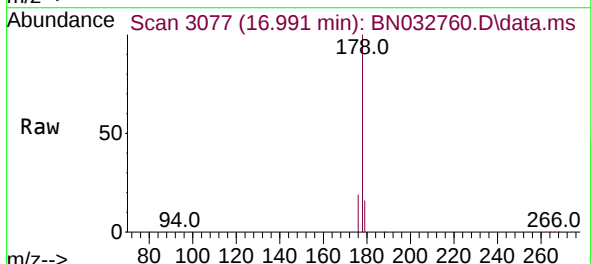
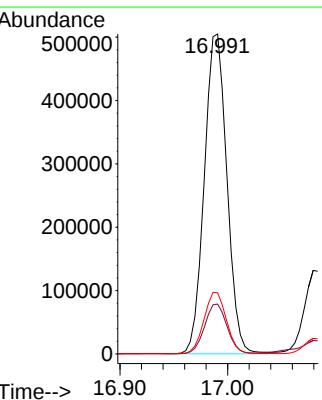
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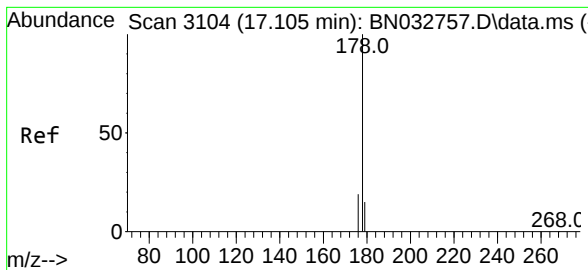
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#15
Phenanthrene
Concen: 12.495 ng/ul m
RT: 16.991 min Scan# 3077
Delta R.T. -0.017 min
Lab File: BN032760.D
Acq: 17 Jul 2024 03:20

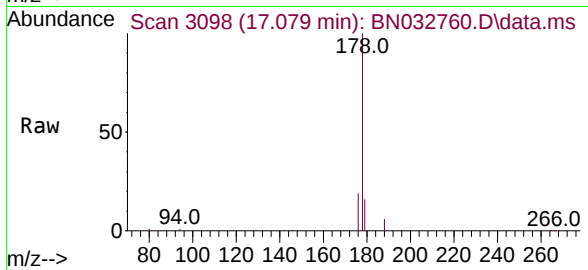
Tgt Ion:178 Resp: 735998
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.4
176 19.1 15.6 23.4





#16
 Anthracene
 Concen: 4.043 ng/ul m
 RT: 17.079 min Scan# 3098
 Delta R.T. -0.025 min
 Lab File: BN032760.D
 Acq: 17 Jul 2024 03:20

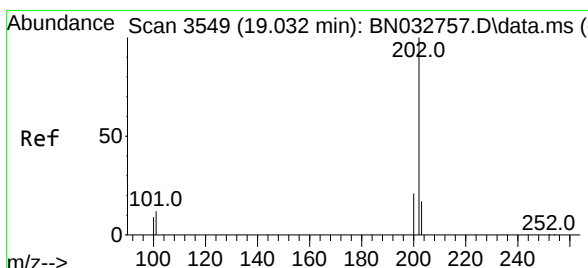
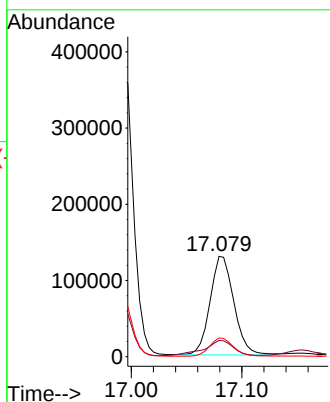
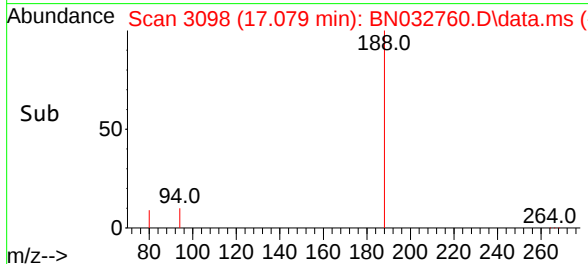
Instrument :
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 A4D13



Tgt Ion:178 Resp: 194559
 Ion Ratio Lower Upper
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 179 16.1 13.4 20.2
 176 18.7 15.4 23.0

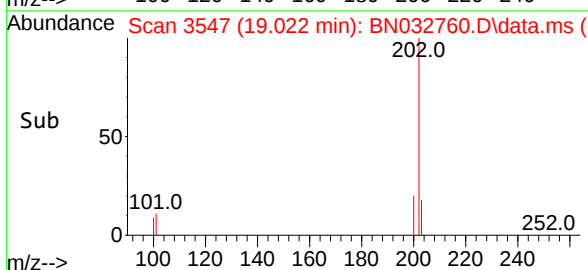
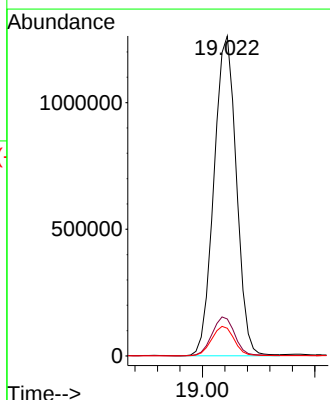
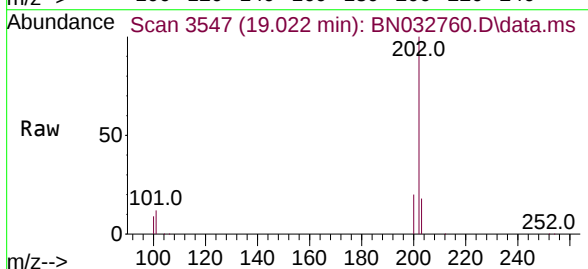
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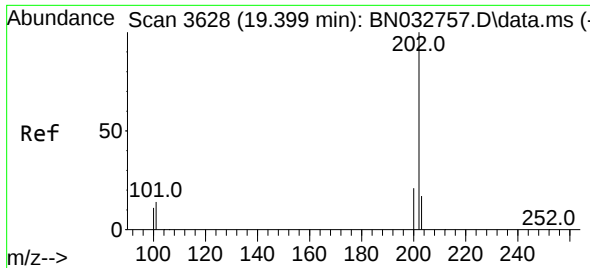
Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024



#19
 Fluoranthene
 Concen: 27.036 ng/ul m
 RT: 19.022 min Scan# 3547
 Delta R.T. -0.009 min
 Lab File: BN032760.D
 Acq: 17 Jul 2024 03:20

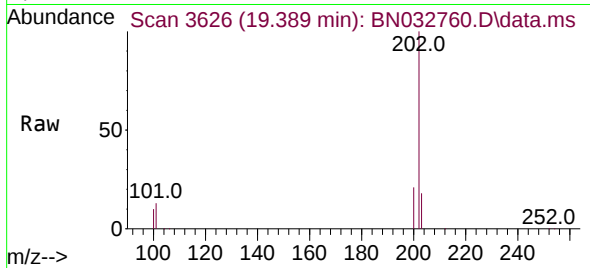
Tgt Ion:202 Resp: 1746312
 Ion Ratio Lower Upper
 202 100
 101 11.6 9.8 14.8
 100 8.6 7.9 11.9





#20
Pyrene
Concen: 18.688 ng/ul m
RT: 19.389 min Scan# 30
Delta R.T. -0.009 min
Lab File: BN032760.D
Acq: 17 Jul 2024 03:20

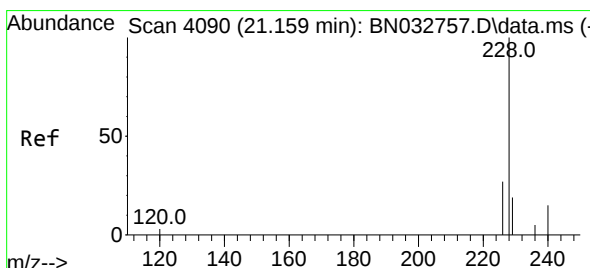
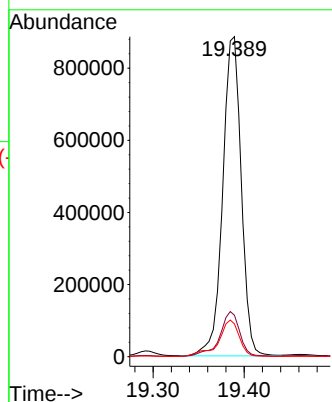
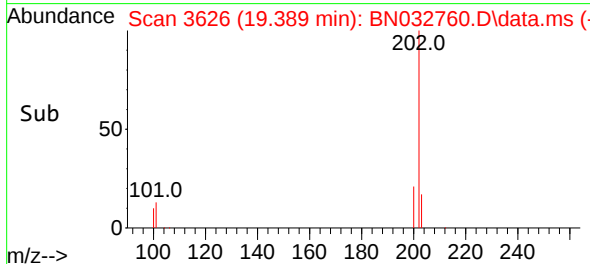
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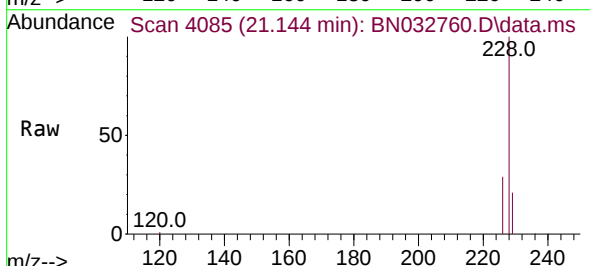
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Ion Ratio Lower Upper
202 100
101 13.0 11.8 17.6
100 10.2 9.6 14.4

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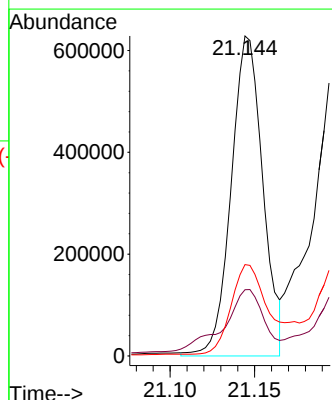
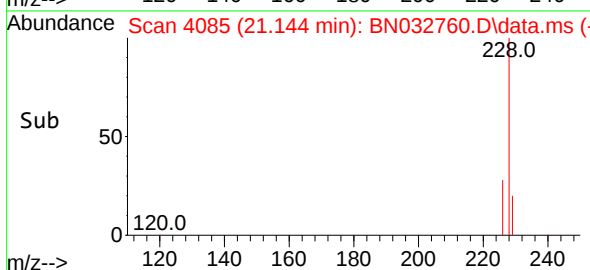
Reviewed By :Yogesh Patel 07/18/2024
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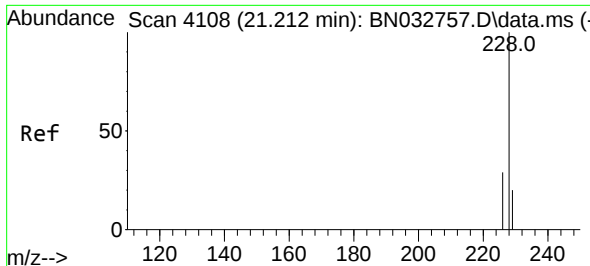


#21
Benzo(a)anthracene
Concen: 16.190 ng/ul m
RT: 21.144 min Scan# 4085
Delta R.T. -0.015 min
Lab File: BN032760.D
Acq: 17 Jul 2024 03:20



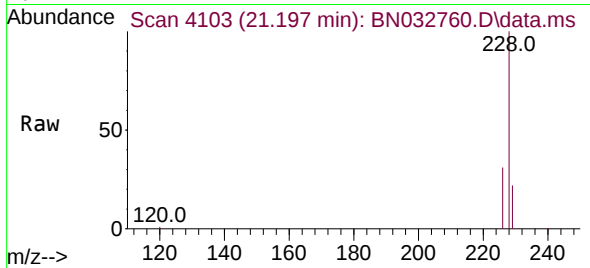
Tgt Ion:228 Resp: 818740
Ion Ratio Lower Upper
228 100
229 20.7 16.1 24.1
226 28.6 21.9 32.9





#22
Chrysene
Concen: 13.023 ng/ul m
RT: 21.197 min Scan# 4108
Delta R.T. -0.015 min
Lab File: BN032760.D
Acq: 17 Jul 2024 03:20

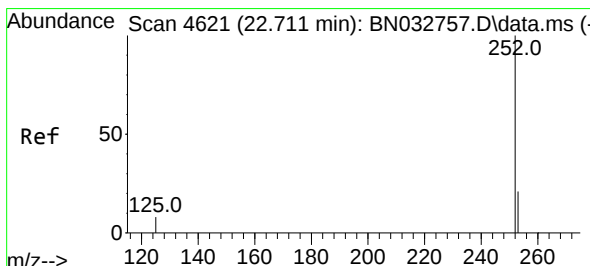
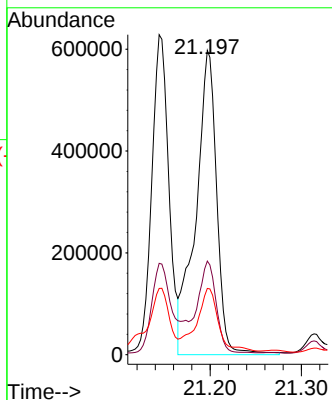
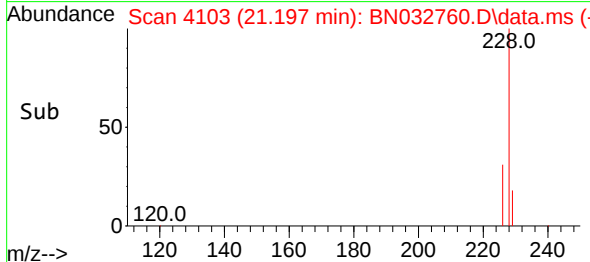
Instrument :
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ClientSampleId :
A4D13



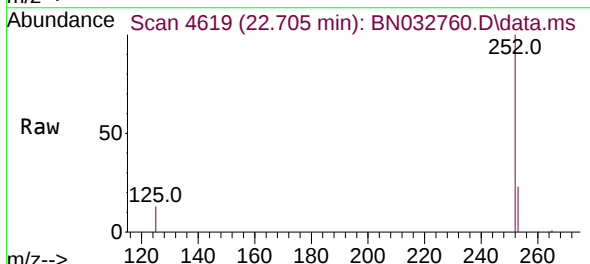
Tgt Ion:228 Resp: 952718
Ion Ratio Lower Upper
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226 30.7 24.0 36.0
229 21.8 15.8 23.6

Manual Integrations
APPROVED

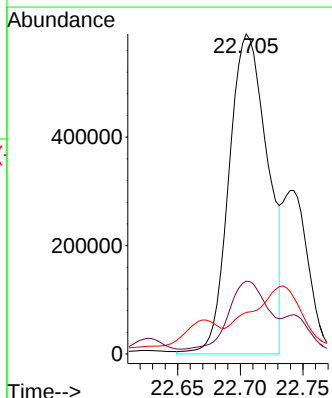
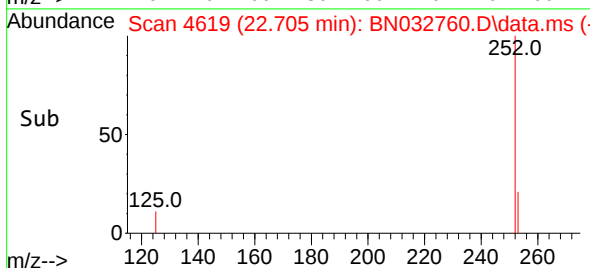
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

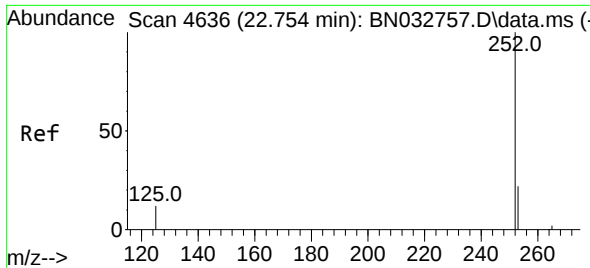


#24
Benzo(b)fluoranthene
Concen: 15.959 ng/ul m
RT: 22.705 min Scan# 4619
Delta R.T. -0.006 min
Lab File: BN032760.D
Acq: 17 Jul 2024 03:20



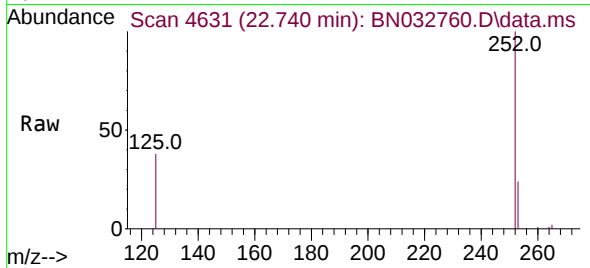
Tgt Ion:252 Resp: 1264852
Ion Ratio Lower Upper
252 100
253 22.8 0.0 54.0
125 13.0 0.0 36.0





#25
Benzo(k)fluoranthene
Concen: 4.574 ng/ul m
RT: 22.740 min Scan# 4631
Delta R.T. -0.015 min
Lab File: BN032760.D
Acq: 17 Jul 2024 03:20

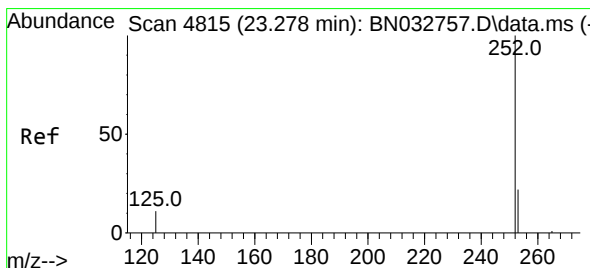
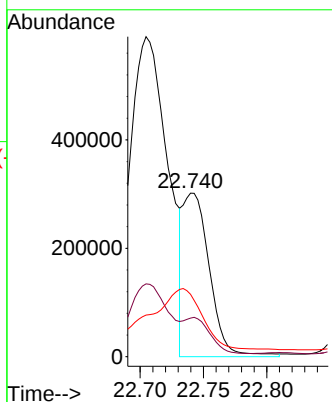
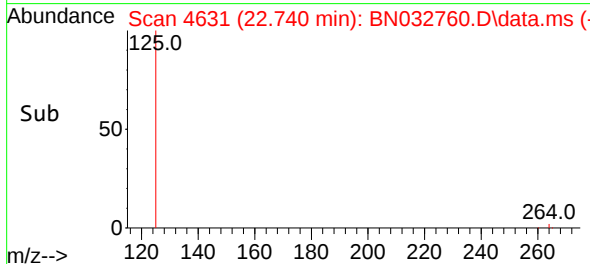
Instrument :
BNA_N
ClientSampleId :
A4D13



Tgt Ion:252 Resp: 441819
Ion Ratio Lower Upper
252 100
253 23.6 21.2 31.8
125 38.2 14.8 22.2

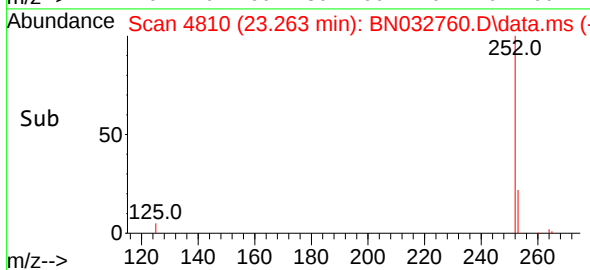
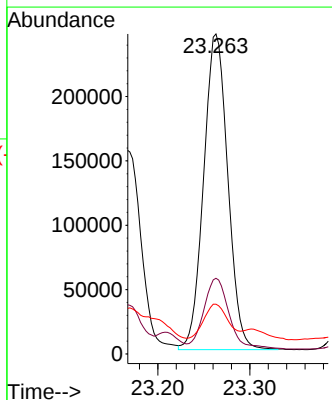
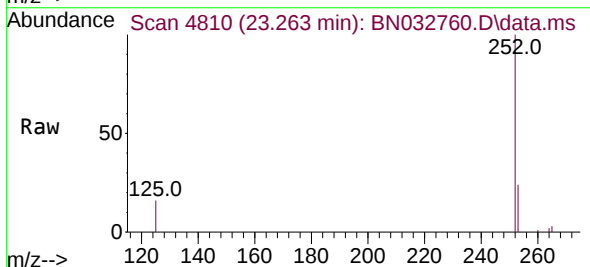
Manual Integrations
APPROVED

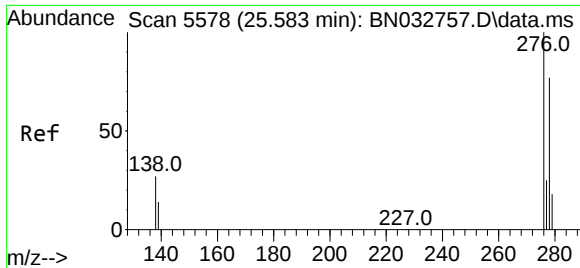
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#26
Benzo(a)pyrene
Concen: 6.531 ng/ul m
RT: 23.263 min Scan# 4810
Delta R.T. -0.015 min
Lab File: BN032760.D
Acq: 17 Jul 2024 03:20

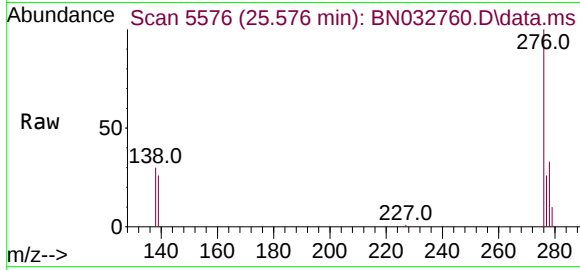
Tgt Ion:252 Resp: 447960
Ion Ratio Lower Upper
252 100
253 23.6 25.4 38.0#
125 15.6 20.6 30.8#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 5.210 ng/ul m
 RT: 25.576 min Scan# 5576
 Delta R.T. -0.007 min
 Lab File: BN032760.D
 Acq: 17 Jul 2024 03:20

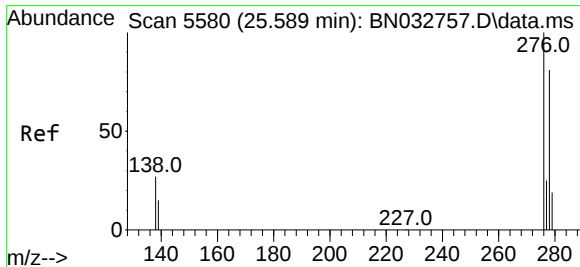
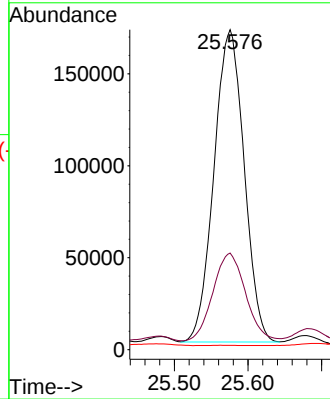
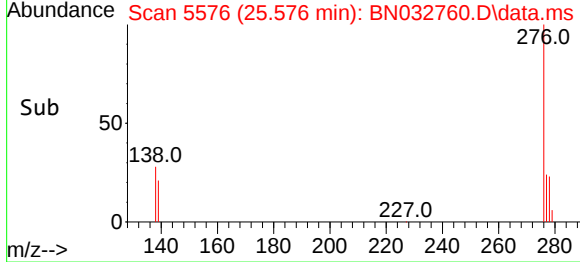
Instrument :
 BNA_N
 ClientSampleId :
 A4D13



Tgt Ion:276 Resp: 48389
 Ion Ratio Lower Upper
 276 100
 138 4.7 21.6 32.4
 227 0.9 0.0 0.0

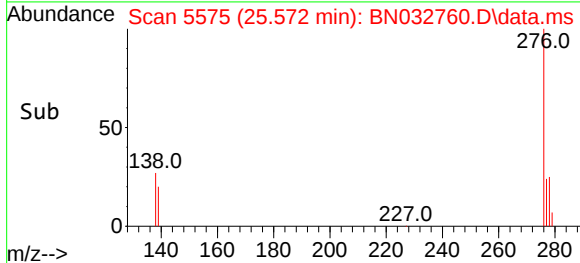
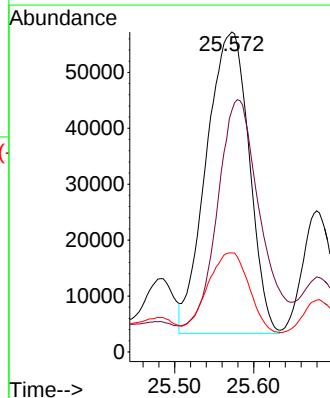
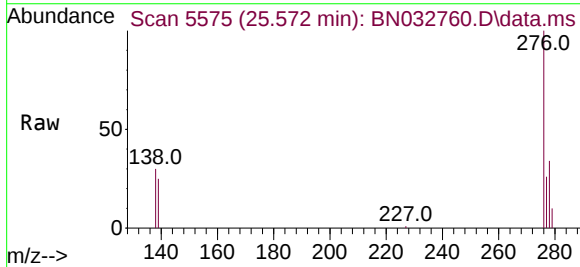
Manual Integrations
 APPROVED

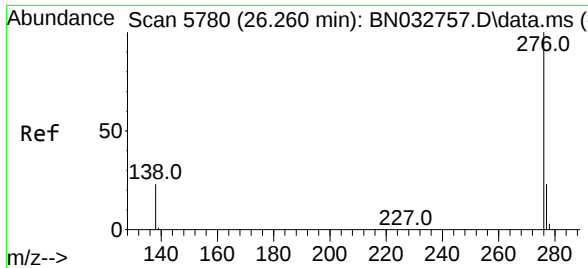
Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024



#28
 Dibenzo(a,h)anthracene
 Concen: 2.817 ng/ul m
 RT: 25.572 min Scan# 5575
 Delta R.T. -0.017 min
 Lab File: BN032760.D
 Acq: 17 Jul 2024 03:20

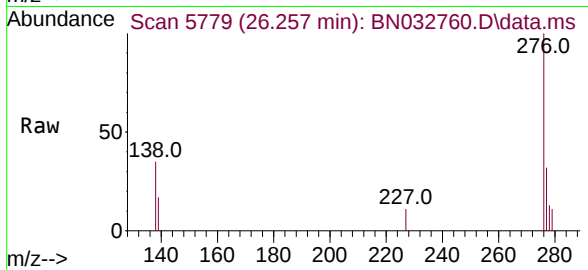
Tgt Ion:278 Resp: 202760
 Ion Ratio Lower Upper
 278 100
 139 75.5 16.6 24.8
 279 31.0 23.7 35.5





#29
Benzo(g,h,i)perylene
Concen: 0.969 ng/ul m
RT: 26.257 min Scan# 5
Delta R.T. -0.003 min
Lab File: BN032760.D
Acq: 17 Jul 2024 03:20

Instrument :
BNA_N
ClientSampleId :
A4D13



Tgt Ion:276 Resp: 75210
Ion Ratio Lower Upper
276 100
138 35.0 21.0 31.4
277 32.4 20.6 31.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

